

KAZUO MUROTA (Kyoto, Japan) An Identity for Matching and Skew-Symmetric Determinant	1
JOSE A. HERMIDA-ALONSO, M. PILAR PEREZ, AND TOMAS SANCHEZ-GIRALDA (Valladolid, Spain) Feedback Invariants for Linear Dynamical Systems Over a Principal Ideal Domain	29
C. TÜRKE AND M. WEBER (Dresden, Germany) On a Maximum Principle for Inverse Monotone Matrices	47
GEORG HEINIC (Safat, Kuwait) AND KARLA ROST (Chemnitz, Germany) Recursive Solution of Cauchy-Vandermonde Systems of Equations	59
ROY MESHULAM (Haifa, Israel) Spaces of Hankel Matrices Over Finite Fields.	73
ARTIBANO MICALI (Montpellier, France) AND MOUSSA OUATTARA (Ouagadougou, Burkina Faso) Structures des Algèbres de Bernstein	77
JEAN-CLAUDE EVARD (Charleston, Illinois) Invariance and Commutativity Properties of Some Classes of Solutions of the Matrix Differential Equation $X(t)X'(t) = X'(t)X(t)$	89
DAVID C. FISHER (Denver, Colorado) Characteristic Polynomials of Straffin Digraphs.	103
G. P. A. THIJSSSE (Rotterdam, the Netherlands) Symmetry Properties of and Reduction Principles for Divisibility Relations Between the Invariant Factors of Products of Holomorphic Matrix Functions	113
DAVID CHILLAG (Haifa, Israel) Regular Representations of Semisimple Algebras, Separable Field Extensions, Group Characters, Generalized Circulants, and Generalized Cyclic Codes.	147
B. MONSON (Fredericton, New Brunswick, Canada) AND ASIA IVIĆ WEISS (North York, Ontario, Canada) Polytopes Related to the Picard Group	185
RAYMOND H. CHAN AND C. K. WONG (Hong Kong) Best-Conditioned Circulant Preconditioners.	205
JERROLD W. GROSSMAN, DEVADATTA, M. KULKARNI, AND IRWIN E. SCHOCHETMAN (Rochester, Michigan) On the Minors of an Incidence Matrix and Its Smith Normal Form.	213

Table of Contents continued

THOMAS GARRITY AND ROBERT MIZNER (Williamstown, Massachusetts) Invariants of Vector-Valued Bilinear and Sesquilinear Forms	225
CARL C. COWEN (West Lafayette, Indiana), KELLY E. DEBRO (Atlanta, Georgia), AND PETER D. SEPANSKI (West Lafayette, Indiana) Geometry and the Norms of Hadamard Multipliers	239
PAUL BINDING (Calgary, Alberta, Canada) AND QIANG YE (Winnipeg, Manitoba, Canada) Variational Principles for Indefinite Eigenvalue Problems	251
GREGORY S. AMMAR (DeKalb, Illinois) AND CHUNYANG HE (Chemnitz, Germany) On an Inverse Eigenvalue Problem for Unitary Hessenberg Matrices . . .	263
IVAN SLAPNIČAR (Split, Croatia) AND KREŠIMIR VESELIĆ (Hagen, Germany) Perturbations of the Eigenprojections of a Factorized Hermitian Matrix. .	273
AUTHOR INDEX	281

